

Name: _____ Date: _____

Compare and Contrast Mitosis and Meiosis

	Mitosis	Meiosis
Function	Growth and regeneration of new cells	
Location in body		
Number of daughter cells		
Change in chromosome number		
Number of phases		
Phases		
Number of divisions		
Difference in DNA between parent cell and daughter cell		Homologous chromosomes assort independently, so each gamete has a unique combination of alleles

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.